

Building Site Development

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Monona County, Iowa

Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
1C: Ida-----	95	Very limited Frost action Low strength	1.00 1.00	Not limited		Not limited	
1C3: Ida-----	95	Very limited Frost action Low strength	1.00 1.00	Not limited		Not limited	
1D: Ida-----	95	Very limited Frost action Low strength Slope	1.00 1.00 0.63	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63
1D3: Ida-----	95	Very limited Frost action Low strength Slope	1.00 1.00 0.63	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63
1E: Ida-----	95	Very limited Frost action Slope Low strength	1.00 1.00 1.00	Very limited Slope	1.00	Very limited Slope	1.00
1E3: Ida-----	95	Very limited Frost action Slope Low strength	1.00 1.00 1.00	Very limited Slope	1.00	Very limited Slope	1.00
1F: Ida-----	90	Very limited Slope Frost action Low strength	1.00 1.00 1.00	Very limited Slope	1.00	Very limited Slope	1.00
1F3: Ida-----	90	Very limited Slope Frost action Low strength	1.00 1.00 1.00	Very limited Slope	1.00	Very limited Slope	1.00

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
1G: Ida-----	90	Very limited Slope Frost action Low strength	1.00 1.00 1.00	Very limited Slope	1.00	Very limited Slope	1.00
2G: Hamburg-----	90	Very limited Slope Frost action	1.00 1.00	Very limited Slope	1.00	Very limited Slope	1.00
3D: Castana-----	100	Very limited Frost action Low strength Slope	1.00 1.00 0.63	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63
3E: Castana-----	95	Very limited Frost action Slope Low strength	1.00 1.00 1.00	Very limited Slope	1.00	Very limited Slope	1.00
3F: Castana-----	95	Very limited Slope Frost action Low strength	1.00 1.00 1.00	Very limited Slope	1.00	Very limited Slope	1.00
10B: Monona-----	100	Very limited Frost action Low strength Shrink-swell	1.00 1.00 0.50	Not limited		Not limited	
10C: Monona-----	95	Very limited Frost action Low strength Shrink-swell	1.00 1.00 0.50	Not limited		Not limited	
10C2: Monona-----	95	Very limited Frost action Low strength Shrink-swell	1.00 1.00 0.50	Not limited		Not limited	

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
10C3: Monona-----	95	Very limited Frost action Low strength Shrink-swell	1.00 1.00 0.50	Not limited		Not limited	
10D: Monona-----	95	Very limited Frost action Low strength Slope Shrink-swell	1.00 1.00 0.63 0.50	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63
10D2: Monona-----	95	Very limited Frost action Low strength Slope Shrink-swell	1.00 1.00 0.63 0.50	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63
10D3: Monona-----	90	Very limited Frost action Low strength Slope Shrink-swell	1.00 1.00 0.63 0.50	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63
10E: Monona-----	95	Very limited Frost action Low strength Slope Shrink-swell	1.00 1.00 1.00 0.50	Very limited Slope	1.00	Very limited Slope	1.00
10E2: Monona-----	95	Very limited Frost action Low strength Slope Shrink-swell	1.00 1.00 1.00 0.50	Very limited Slope	1.00	Very limited Slope	1.00
10E3: Monona-----	95	Very limited Frost action Low strength Slope Shrink-swell	1.00 1.00 1.00 0.50	Very limited Slope	1.00	Very limited Slope	1.00

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
10F: Monona-----	95	Very limited Slope	1.00	Very limited Slope	1.00	Very limited Slope	1.00
		Frost action	1.00				
		Low strength	1.00				
		Shrink-swell	0.50				
10F2: Monona-----	95	Very limited Slope	1.00	Very limited Slope	1.00	Very limited Slope	1.00
		Frost action	1.00				
		Low strength	1.00				
		Shrink-swell	0.50				
10F3: Monona-----	95	Very limited Slope	1.00	Very limited Slope	1.00	Very limited Slope	1.00
		Frost action	1.00				
		Low strength	1.00				
		Shrink-swell	0.50				
10G: Monona-----	90	Very limited Slope	1.00	Very limited Slope	1.00	Very limited Slope	1.00
		Frost action	1.00				
		Low strength	1.00				
		Shrink-swell	0.50				
12B: Napier-----	95	Very limited Frost action	1.00	Not limited		Not limited	
		Low strength	1.00				
12C: Napier-----	95	Very limited Frost action	1.00	Not limited		Not limited	
		Low strength	1.00				
12D: Napier-----	95	Very limited Frost action	1.00	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63
		Low strength	1.00				
		Slope	0.63				

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
17B: Napier-----	40	Very limited Frost action Low strength	1.00 1.00	Not limited		Not limited	
Colo-----	30	Very limited Frost action Flooding Low strength Shrink-swell Depth to saturated zone	1.00 1.00 1.00 0.50 0.19	Very limited Depth to saturated zone Flooding	1.00 0.60	Somewhat limited Flooding Depth to saturated zone	0.60 0.19
Kennebec-----	30	Very limited Frost action Flooding Low strength Shrink-swell	1.00 1.00 1.00 0.50	Somewhat limited Depth to saturated zone Flooding	0.61 0.60	Somewhat limited Flooding	0.60
33D: Steinauer-----	90	Very limited Low strength Slope Shrink-swell Frost action	1.00 0.63 0.50 0.50	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63
33E: Steinauer-----	95	Very limited Slope Low strength Shrink-swell Frost action	1.00 1.00 0.50 0.50	Very limited Slope	1.00	Very limited Slope	1.00
33F: Steinauer-----	90	Very limited Slope Low strength Shrink-swell Frost action	1.00 1.00 0.50 0.50	Very limited Slope	1.00	Very limited Slope	1.00

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
33G: Steinauer-----	90	Very limited Slope	1.00	Very limited Slope	1.00	Very limited Slope	1.00
		Low strength	1.00				
		Shrink-swell	0.50				
		Frost action	0.50				
36: Salix-----	100	Very limited Frost action	1.00	Somewhat limited Depth to saturated zone	0.82	Not limited	
		Low strength	1.00				
		Flooding	0.40				
44: Blencoe-----	95	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Very limited Too clayey	1.00
		Low strength	1.00	Too clayey	0.28	Depth to saturated zone	1.00
		Shrink-swell	1.00				
		Depth to saturated zone	1.00				
		Flooding	0.40				
46: Keg-----	100	Very limited Frost action	1.00	Not limited		Not limited	
		Low strength	1.00				
		Flooding	0.40				
54: Zook-----	100	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Frost action	1.00	Flooding	0.60	Flooding	0.60
		Flooding	1.00	Too clayey	0.01		
		Low strength	1.00				
		Shrink-swell	1.00				

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
54+: Zook-----	100	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Somewhat limited Depth to saturated zone	0.75
		Flooding	1.00	Flooding	0.60	Flooding	0.60
		Low strength	1.00	Too clayey	0.01		
		Shrink-swell	1.00				
		Depth to saturated zone	0.75				
66: Luton-----	95	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Low strength	1.00	Too clayey	0.88	Too clayey	1.00
		Shrink-swell	1.00				
		Frost action	0.50				
		Flooding	0.40				
66+: Luton-----	100	Very limited Low strength	1.00	Very limited Depth to saturated zone	1.00	Somewhat limited Depth to saturated zone	0.19
		Shrink-swell	1.00	Too clayey	0.88		
		Frost action	0.50				
		Depth to saturated zone	0.19				
67: Woodbury-----	95	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Frost action	1.00	Too clayey	0.28	Too clayey	1.00
		Low strength	1.00				
		Shrink-swell	1.00				
		Flooding	0.40				
68: Napa-----	95	Very limited Shrink-swell	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Depth to saturated zone	1.00	Too clayey	0.72		
		Low strength	1.00				
		Frost action	0.50				
		Flooding	0.40				

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
70: Mcpaul-----	95	Very limited Frost action	1.00	Somewhat limited Depth to saturated zone	0.82	Not limited	
		Low strength Flooding	1.00 0.40				
133: Colo-----	100	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Somewhat limited Flooding	0.60
		Flooding	1.00	Flooding	0.60	Depth to saturated zone	0.19
		Low strength Shrink-swell Depth to saturated zone	1.00 0.50 0.19				
133+: Colo-----	100	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Somewhat limited Flooding	0.60
		Flooding	1.00	Flooding	0.60	Depth to saturated zone	0.19
		Low strength Shrink-swell Depth to saturated zone	1.00 0.50 0.19				
137: Haynie-----	95	Very limited Frost action	1.00	Not limited		Not limited	
		Low strength Flooding	1.00 0.40				
144: Blake-----	100	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Low strength Depth to saturated zone Shrink-swell Flooding	1.00 1.00 0.50 0.40				

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
145: Onawa-----	95	Very limited Depth to saturated zone Frost action Low strength Flooding	1.00 1.00 1.00 0.40	Very limited Depth to saturated zone Too clayey	1.00 1.00 0.88	Very limited Depth to saturated zone	1.00
146: Onawa-----	90	Very limited Depth to saturated zone Frost action Low strength Flooding	1.00 1.00 1.00 0.40	Very limited Depth to saturated zone Too clayey	1.00 1.00 0.88	Very limited Depth to saturated zone Too clayey	1.00 1.00
147: Modale-----	95	Very limited Frost action Low strength Shrink-swell Depth to saturated zone Flooding	1.00 1.00 1.00 1.00 0.40	Very limited Depth to saturated zone Too clayey	1.00 1.00 0.88	Very limited Depth to saturated zone	1.00
149: Modale-----	95	Very limited Frost action Low strength Shrink-swell Depth to saturated zone Flooding	1.00 1.00 1.00 1.00 0.40	Very limited Depth to saturated zone Too clayey	1.00 1.00 0.88	Very limited Depth to saturated zone	1.00
155: Albaton-----	100	Very limited Shrink-swell Depth to saturated zone Low strength Frost action Flooding	1.00 1.00 1.00 0.50 0.40	Very limited Depth to saturated zone Too clayey	1.00 1.00 0.88	Very limited Depth to saturated zone	1.00

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
156: Albaton-----	100	Very limited Shrink-swell	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Depth to saturated zone	1.00	Too clayey	0.88	Too clayey	1.00
		Low strength	1.00				
		Frost action	0.50				
		Flooding	0.40				
157: Albaton-----	100	Very limited Shrink-swell	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Depth to saturated zone	1.00	Too clayey	0.88		
		Low strength	1.00				
		Frost action	0.50				
		Flooding	0.40				
212: Kennebec-----	90	Very limited Frost action	1.00	Somewhat limited Depth to saturated zone	0.82	Somewhat limited Flooding	0.60
		Flooding	1.00	Flooding	0.60		
		Low strength	1.00				
		Shrink-swell	0.50				
212+: Kennebec-----	95	Very limited Frost action	1.00	Somewhat limited Depth to saturated zone	0.82	Somewhat limited Flooding	0.60
		Flooding	1.00	Flooding	0.60		
		Low strength	1.00				
		Shrink-swell	0.50				
220: Nodaway-----	95	Very limited Frost action	1.00	Somewhat limited Depth to saturated zone	0.82	Somewhat limited Flooding	0.60
		Flooding	1.00	Flooding	0.60		
		Low strength	1.00				
		Shrink-swell	0.50				

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234: Nishna-----	100	Very limited Flooding	1.00	Very limited Depth to saturated zone	1.00	Somewhat limited Flooding	0.60
		Low strength	1.00	Flooding	0.60	Depth to saturated zone	0.19
		Shrink-swell	1.00	Too clayey	0.02		
		Frost action	0.50				
		Depth to saturated zone	0.19				
237: Sarpy-----	95	Not limited		Very limited cutbanks cave	0.90	Somewhat limited Droughty	0.69
237B: Sarpy-----	100	Not limited		Very limited cutbanks cave	0.90	Somewhat limited Droughty	0.69
244: Blend-----	100	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Frost action	1.00	Too clayey	0.50	Too clayey	1.00
		Low strength	1.00				
		Shrink-swell	0.50				
		Flooding	0.40				
255: Cooper-----	100	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Low strength	1.00	Too clayey	0.50		
		Shrink-swell	1.00				
		Depth to saturated zone	1.00				
		Flooding	0.40				
257: Uturin-----	100	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Flooding	1.00	Flooding	0.60	Flooding	0.60
		Low strength	1.00	Too clayey	0.01		
		Frost action	0.50				

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266: Smithland-----	100	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Flooding	1.00	Flooding	0.60	Flooding	0.60
		Low strength	1.00				
		Depth to saturated zone	1.00				
		Shrink-swell	0.50				
275: Moville-----	95	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Low strength	1.00	Too clayey	0.88		
		Depth to saturated zone	1.00				
		Flooding	0.40				
366: Luton-----	100	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Low strength	1.00	Too clayey	0.88		
		Shrink-swell	1.00				
		Frost action	0.50				
		Flooding	0.40				
430: Ackmore-----	90	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Somewhat limited Flooding	0.60
		Flooding	1.00	Flooding	0.60	Depth to saturated zone	0.19
		Low strength	1.00				
		Shrink-swell	1.00				
		Depth to saturated zone	0.19				

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436: Lakeport-----	100	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Low strength	1.00				
		Shrink-swell	1.00				
		Depth to saturated zone	1.00				
		Flooding	0.40				
446: Burcham-----	100	Very limited Frost action	1.00	Somewhat limited Depth to saturated zone	0.82	Not limited	
		Low strength	1.00	Too clayey	0.12		
		Shrink-swell	0.50				
465: Tieville-----	95	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00	Very limited Too clayey	1.00
		Low strength	1.00	Too clayey	1.00	Depth to saturated zone	1.00
		Shrink-swell	1.00				
		Frost action	0.50				
		Flooding	0.40				
510: Monona-----	100	Very limited Frost action	1.00	Not limited		Not limited	
		Low strength	1.00				
		Shrink-swell	0.50				
510B: Monona-----	100	Very limited Frost action	1.00	Not limited		Not limited	
		Low strength	1.00				
		Shrink-swell	0.50				
510C: Monona-----	100	Very limited Frost action	1.00	Not limited		Not limited	
		Low strength	1.00				
		Shrink-swell	0.50				

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
510C2: Monona-----	100	Very limited Frost action Low strength Shrink-swell	1.00 1.00 0.50	Not limited		Not limited	
510C3: Monona-----	100	Very limited Frost action Low strength Shrink-swell	1.00 1.00 0.50	Not limited		Not limited	
514: Grable-----	95	Somewhat limited Flooding	0.40	Very limited cutbanks cave	0.90	Not limited	
515: Percival-----	100	Very limited Depth to saturated zone Frost action Flooding	1.00 0.50 0.40	Very limited Depth to saturated zone Too clayey	1.00 0.50	Very limited Too clayey Depth to saturated zone Droughty	1.00 1.00 0.46
516: Vore-----	100	Very limited Frost action Flooding	1.00 0.40	Very limited cutbanks cave Depth to saturated zone	0.90 0.82	Not limited	
552: Owego-----	100	Very limited Depth to saturated zone Low strength Shrink-swell Frost action Flooding	1.00 1.00 1.00 0.50 0.40	Very limited Depth to saturated zone Too clayey	1.00 0.76	Very limited Depth to saturated zone Too clayey	1.00 1.00
553: Forney-----	100	Very limited Depth to saturated zone Low strength Shrink-swell Frost action	1.00 1.00 1.00 0.50	Very limited Depth to saturated zone Too clayey	1.00 0.88	Very limited Depth to saturated zone Too clayey	1.00 1.00

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670: Rawles-----	100	Very limited Frost action	1.00	Somewhat limited Depth to saturated zone	0.82	Somewhat limited Flooding	0.60
		Flooding	1.00	Flooding	0.60		
		Low strength	1.00				
		Shrink-swell	0.50				
717D: Gullied Land-----	50	Not rated		Not rated		Not rated	
Napier-----	50	Very limited Frost action	1.00	Somewhat limited Slope	0.16	Somewhat limited Slope	0.16
		Low strength	1.00				
		Slope	0.16				
746: Lossing-----	100	Very limited Frost action	1.00	Very limited Depth to saturated zone	0.95	Very limited Too clayey	1.00
		Low strength	1.00	Too clayey	0.28		
747: Rodney-----	100	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Very limited Too clayey	1.00
		Low strength	1.00	Too clayey	0.50	Depth to saturated zone	0.19
		Depth to saturated zone	0.19				
748: Hornick-----	100	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Very limited Too clayey	1.00
		Depth to saturated zone	1.00	Too clayey	0.28	Depth to saturated zone	1.00
		Low strength	1.00				
		Shrink-swell	0.50				
		Flooding	0.40				

Building Site Development

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Monona County, Iowa

Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
754: Larpenteur-----	100	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Depth to saturated zone	1.00				
		Low strength	0.78				
		Flooding	0.40				
945: Albaton-----	100	Very limited Shrink-swell	1.00	Very limited Depth to saturated zone	1.00	Very limited Too clayey	1.00
		Depth to saturated zone	1.00	Too clayey	0.97	Flooding	1.00
		Frost action	1.00	Flooding	0.80	Depth to saturated zone	1.00
		Flooding	1.00				
		Low strength	1.00				
946: Albaton-----	100	Very limited Shrink-swell	1.00	Very limited Depth to saturated zone	1.00	Very limited Too clayey	1.00
		Depth to saturated zone	1.00	Too clayey	0.97	Flooding	1.00
		Frost action	1.00	Flooding	0.80	Depth to saturated zone	1.00
		Flooding	1.00				
		Low strength	1.00				
1137: Haynie-----	100	Very limited Frost action	1.00	Somewhat limited Flooding	0.60	Somewhat limited Flooding	0.60
		Flooding	1.00				
		Low strength	1.00				
1144: Blake-----	100	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Low strength	1.00				
		Depth to saturated zone	1.00				
		Shrink-swell	0.50				
		Flooding	0.40				

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Monona County, Iowa

Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
1145: Onawa-----	95	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Depth to saturated zone	1.00	Too clayey	0.88		
		Low strength	1.00				
		Flooding	0.40				
1146: Onawa-----	90	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Very limited Too clayey	1.00
		Depth to saturated zone	1.00	Too clayey	0.88	Depth to saturated zone	1.00
		Low strength	1.00				
		Flooding	0.40				
1147: Modale-----	95	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Somewhat limited Flooding	0.60
		Flooding	1.00	Too clayey	0.88	Depth to saturated zone	0.03
		Low strength	1.00	Flooding	0.60		
		Shrink-swell	1.00				
		Depth to saturated zone	0.03				
1150: Modale-----	95	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Flooding	1.00	Too clayey	0.88	Flooding	0.60
		Low strength	1.00	Flooding	0.60		
		Shrink-swell	1.00				
		Depth to saturated zone	1.00				

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Monona County, Iowa

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
1155: Albaton-----	100	Very limited Shrink-swell	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Depth to saturated zone	1.00	Too clayey	0.88	Flooding	0.60
		Flooding	1.00	Flooding	0.60		
		Low strength	1.00				
		Frost action	0.50				
1156: Albaton-----	100	Very limited Shrink-swell	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Depth to saturated zone	1.00	Too clayey	0.88	Too clayey	1.00
		Flooding	1.00	Flooding	0.60	Flooding	0.60
		Low strength	1.00				
		Frost action	0.50				
1157: Albaton-----	100	Very limited Shrink-swell	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Depth to saturated zone	1.00	Too clayey	0.88	Flooding	0.60
		Flooding	1.00	Flooding	0.60		
		Low strength	1.00				
		Frost action	0.50				
1220: Nodaway-----	95	Very limited Frost action	1.00	Somewhat limited Depth to saturated zone	0.82	Somewhat limited Flooding	0.60
		Flooding	1.00	Flooding	0.60		
		Low strength	1.00				
		Shrink-swell	0.50				
1237: Sarpy-----	95	Very limited Flooding	1.00	Very limited cutbanks cave	0.90	Somewhat limited Droughty	0.69
				Flooding	0.60	Flooding	0.60
1237B: Sarpy-----	100	Very limited Flooding	1.00	Very limited cutbanks cave	0.90	Somewhat limited Droughty	0.69
				Flooding	0.60	Flooding	0.60

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Monona County, Iowa

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
1514: Grable-----	95	Very limited Flooding	1.00	Very limited cutbanks cave Flooding	0.90 0.60	Somewhat limited Flooding	0.60
1515: Percival-----	100	Very limited Flooding	1.00	Very limited Depth to saturated zone Flooding	1.00 0.60	Very limited Too clayey	1.00
		Depth to saturated zone	1.00			Depth to saturated zone	1.00
		Frost action	0.50	Too clayey	0.50	Flooding Droughty	0.60 0.46
1524: Morconick-----	90	Very limited Flooding	1.00	Somewhat limited Flooding	0.60	Somewhat limited Flooding	0.60
1525: Scroll-----	100	Very limited Flooding	1.00	Very limited Depth to saturated zone cutbanks cave	1.00 0.90	Very limited Too clayey	1.00
		Depth to saturated zone	1.00			Depth to saturated zone	1.00
		Frost action	0.50	Flooding	0.60	Droughty Flooding	0.88 0.60
1526: Scroll-----	100	Very limited Flooding	1.00	Very limited Depth to saturated zone cutbanks cave	1.00 0.90	Very limited Depth to saturated zone Flooding	1.00 0.60
		Depth to saturated zone	1.00				
		Frost action	0.50	Flooding	0.60	Droughty	0.22
1552: Owego-----	100	Very limited Flooding	1.00	Very limited Depth to saturated zone	1.00	Very limited Too clayey	1.00
		Low strength Shrink-swell	1.00 0.50	Too clayey Flooding	0.76 0.60	Flooding Depth to saturated zone	0.60 0.19
		Frost action	0.50				
		Depth to saturated zone	0.19				

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Monona County, Iowa

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
1746: Lossing-----	100	Very limited Frost action	1.00	Very limited Depth to saturated zone	0.95	Very limited Too clayey	1.00
		Flooding Low strength	1.00 1.00	Flooding Too clayey	0.60 0.28	Flooding	0.60
1747: Rodney-----	100	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Very limited Too clayey	1.00
		Flooding Low strength	1.00 1.00	Flooding Too clayey	0.60 0.50	Flooding Depth to saturated zone	0.60 0.19
		Depth to saturated zone	0.19				
1750: Ticonic-----	100	Very limited Flooding	1.00	Somewhat limited Flooding	0.60	Somewhat limited Flooding	0.60
1849: Kenmoor-----	100	Very limited Flooding Frost action	1.00 0.50	Very limited cutbanks cave Depth to saturated zone Flooding Too clayey	0.90 0.82 0.60 0.28	Somewhat limited Flooding	0.60
5010: Pits, Sand And Gravel-----	100	Not rated		Not rated		Not rated	
5040: Orthents, Loamy-----	100	Not rated		Not rated		Not rated	
5044: Fluvaquents-----	100	Not rated		Not rated		Not rated	

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
5045: Aquents-----	100	Not rated		Not rated		Not rated	
5046: Aquents-----	100	Not rated		Not rated		Not rated	
5047: Aquents-----	100	Not rated		Not rated		Not rated	
5051: Fluvaquents, Poned-	100	Not rated		Not rated		Not rated	
5090: Aquents-----	60	Not rated		Not rated		Not rated	
Orthents-----	40	Not rated		Not rated		Not rated	
AW: Animal Waste-----	100	Not rated		Not rated		Not rated	
SL: Sewage Lagoon-----	100	Very limited Slope Low strength	1.00 1.00	Very limited Slope	1.00	Very limited Slope	1.00
W: Water-----	100	Not rated		Not rated		Not rated	